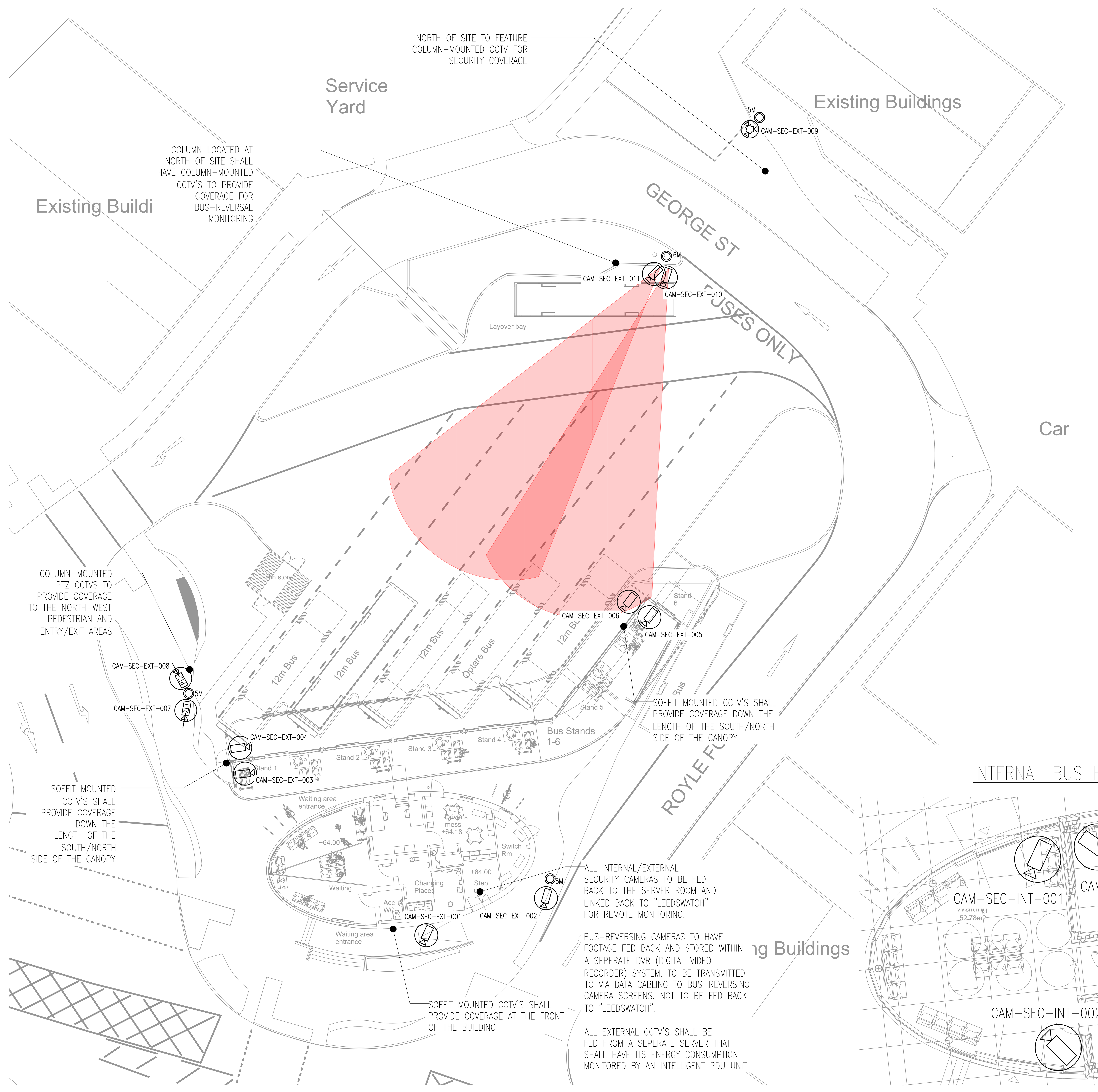
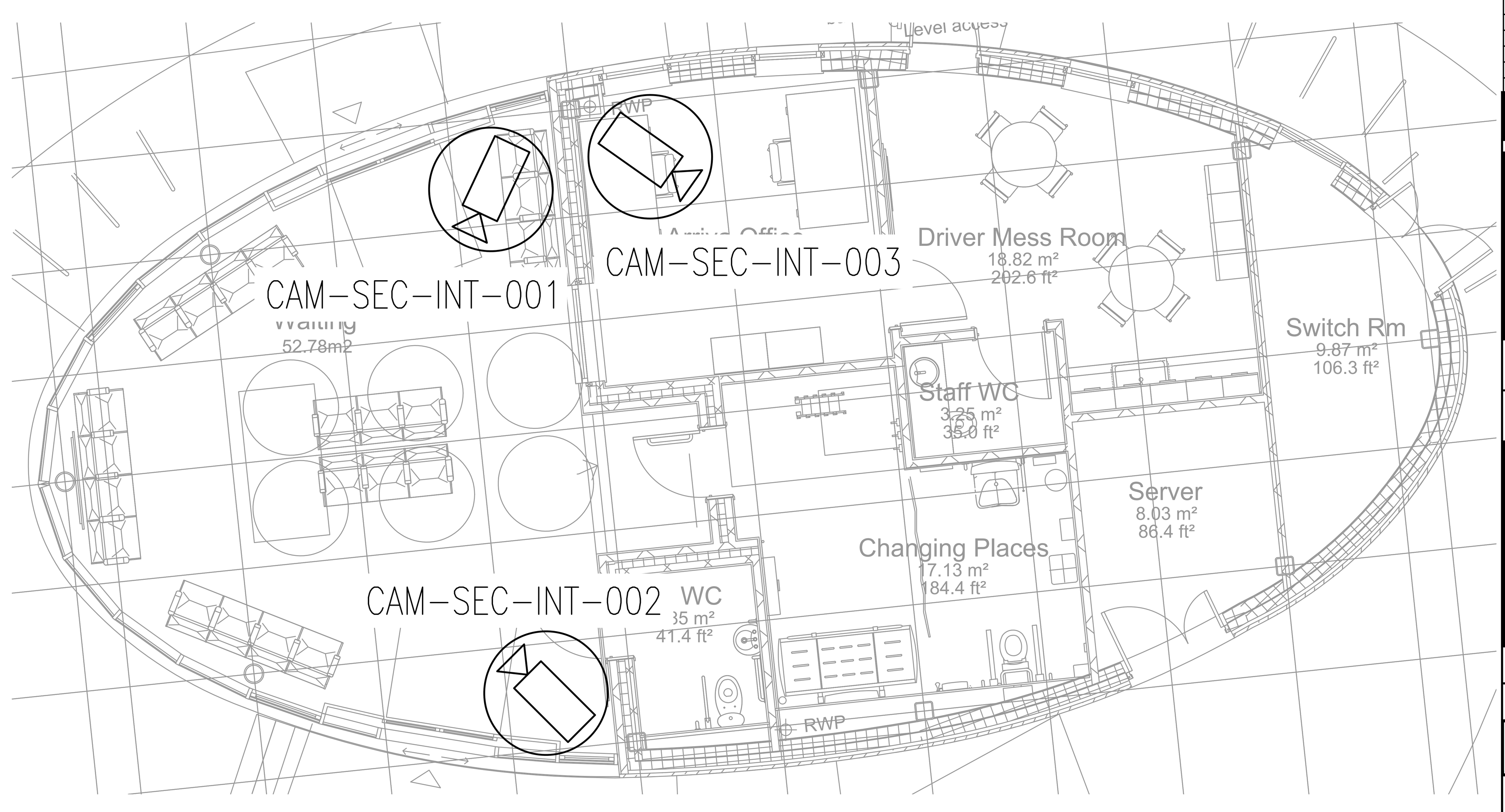


INTERNAL BUS HUB CCTV STRATEGY LAYOUT



CCTV IMAGE LEGEND

CCTV BRACKET MOUNTING DETAIL FOR LIGHTING COLUMNS	STANDARD WALL/CEILING/BRACKET MOUNTED DOME CAMERA

STANDARD NOTES:– DO NOT SCALE

PURPOSE OF DRAWING

- ☐ CONCEPT DRAWING
- ☑ DEVELOPED DESIGN DRAWING
- ☐ TECHNICAL DESIGN DRAWING

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DOCUMENTS AND DRAWINGS PROVIDED BY WSP.
2. THE DRAWING INDICATES THE DESIGN INTENT FOR THE WORKS.
3. THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES AND SHOWS THE INTENDED LOCATIONS OF BUILDING SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAILS AS TO INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
4. THE POSITION OF ALL CONNECTION POINTS, ACCESSORIES, EQUIPMENT AND OTHER BUILDING SERVICES ITEMS AS SHOWN ON THE DRAWING ARE APPROXIMATE AND FOR GUIDANCE IN THE PREPARATION OF THE TENDER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO–ORDINATION OF THE INSTALLATION AND SHALL TAKE ACCOUNT OF ALL THE OTHER WORKS AND TRADES EITHER DURING OR PRIOR TO THEIR INCORPORATION INTO THE WORKS.
6. COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
7. WSP IS NOT RESPONSIBLE FOR THE DESIGN AND COORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS, AND PROTECTING ELEMENTS REQUIRED FOR FUTURE MAINTENANCE AND OPERATION OF THE WORKS.
8. THE DRAWING SHALL BE USED FOR THE INTENDED PURPOSE ONLY AND WSP WILL NOT BE HELD RESPONSIBLE FOR ANY OTHER USE.

DIMENSIONS

1. DIMENSIONS SHALL NOT TO BE SCALED FROM THE DRAWING AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS AND LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS.
2. WSP IS NOT RESPONSIBLE FOR CHECKING DIMENSIONS ON SITE
3. WSP IS NOT RESPONSIBLE FOR SETTING OUT GRID LINES, BUILDING LINES ETC.
4. WSP IS NOT RESPONSIBLE FOR DIMENSIONS USED IN THE ORDERING AND MANUFACTURING OF EQUIPMENT AND THIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR..

HEALTH AND SAFETY

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE HEALTH AND SAFETY INFORMATION PROVIDED IN THE TENDER DOCUMENTATION AND/ OR WITHIN PRE–CONSTRUCTION INFORMATION.
2. BEFORE COMMENCEMENT OF WORKS ASSOCIATED WITH THE DRAWING REFER TO ALL RELEVANT HEALTH AND SAFETY INFORMATION FOR THE WORKS INCLUDING RESIDUAL RISK INFORMATION.

EXTERNAL SECURITY SYSTEM CCTV SCHEDULE

CCTV REFERENCE	AREA COVERED BY CCTV
CAM–SEC–EXT–001	BUS HUB ENTRY POINT
CAM–SEC–EXT–002	EAST–SIDE PEDESTRIAN ROUTE
CAM–SEC–EXT–003	WEST OF SOUTH–SIDE CANOPY
CAM–SEC–EXT–004	WEST OF NORTH–SIDE CANOPY
CAM–SEC–EXT–005	EAST OF SOUTH–SIDE CANOPY
CAM–SEC–EXT–006	EAST OF NORTH–SIDE CANOPY
CAM–SEC–EXT–007	WEST–SIDE PEDESTRIAN ROUTE AND ENTRY POINT
CAM–SEC–EXT–008	WEST–SIDE PEDESTRIAN ROUTE AND ENTRY POINT
CAM–SEC–EXT–009	NORTH–SIDE PEDESTRIAN AREA
CAM–SEC–EXT–010	BUS REVERSAL MONITORING AREA
CAM–SEC–EXT–011	BUS REVERSAL MONITORING AREA

INTERNAL SECURITY SYSTEM CCTV SCHEDULE

CCTV REFERENCE	AREA COVERED BY CCTV
CAM–SEC–INT–001	WAITING AREA
CAM–SEC–INT–002	WAITING AREA
CAM–SEC–INT–003	OFFICE

CCTV SYMBOL LEGEND

Symbol	Description
(camera symbol)	STATIC DOME CAMERA. TO BE WALL/CEILING MOUNTED, OR BRACKET MOUNTED ON LIGHTING COLUMN
PTZ	PTZ CAMERA. TO BE WALL/CEILING MOUNTED, OR BRACKET–MOUNTED ON LIGHTING COLUMN
(360 camera symbol)	STATIC DOME CAMERA WITH 360 DEGREE COVERAGE. TO BE BRACKET–MOUNTED ON LIGHTING COLUMN
(column symbol)	KIRKLEES COUNCIL STANDARD STREET LIGHTING COLUMN. HEIGHT VARIES AS QUOTED ON DRAWING.

CCTV SYSTEM LEGEND

Symbol	Description
(pink shading)	BUS–REVERSING MONITORING CCTV COVERAGE AREA (TO BE CONFIRMED BY SPECIALIST)

GENERAL NOTES:

ALL CCTV CAMERAS TO BE POWERED VIA PoE (POWER OVER ETHERNET). THIS SHALL REQUIRE A SINGLE DATA POINT CONNECTION FOR EACH CAMERA.

TO USE BOSCH AS THE CCTV MANUFACTURER TO MEET CLIENT'S SPECIFICATION DOCUMENT REQUIREMENTS.

COLUMN MOUNTED CAMERAS SHALL UTILISE THE BOSCH BRACKET MOUNTING KIT.

ALL EXTERNAL CCTV'S SHALL BE FED FROM A SEPERATE SERVER THAT SHALL HAVE ITS POWER CONSUMPTION MONITORED BY AN INTELLIGENT PDU UNIT WITHIN THE COMMS CABINET.

REV	DATE	BY	DESCRIPTION	CHK	APP
P04	05.07.2022	KZ	STAGE 3 ISSUE - CLIENT REQUEST - DUE TO THE URBIS SHUFFLE COLUMNS BEING REMOVED, THE CCTVS MUST NOW BE MOUNTED ONTO THE PROPOSED COLUMNS VIA A DIFFERENT BRACKET SYSTEM	RE	JW
P03	04.04.2022	KZ	STAGE 3 ISSUE	RE	JW
P02	23.03.2022	KZ	STAGE 3 ISSUE	RE	JW
D02	08.03.2022	KZ	STAGE 3: WORK IN PROGRESS ISSUE	RE	JW
D01	28.02.2022	KZ	STAGE 3: WORK IN PROGRESS ISSUE	RE	JW
P01	12.11.2021	KZ	DRAFT STAGE 3 CCTV LAYOUT	JW	JW

DRAWING STATUS: STAGE 3

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CLIENT: KIRKLEES COUNCIL

ARCHITECT: SGP ARCHITECTS

PROJECT: HECKMONDWIKE BUS STATION

TITLE: ELECTRICAL SERVICES EXTERNAL/INTERNAL AREAS SECURITY CCTV STRATEGY LAYOUT

SCALE @ A0:	CHECKED:		APPROVED:
1:100	RE		JW
PROJECT No:	DESIGNED:	DRAWN:	DATE:
70079085	KZ	KZ	NOVEMBER 2021

DRAWING No: HBH-WSP-00-ZZ-DR-E-680101 REV: P04

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